

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of retrieving a location of at least one of an application program and data for direct servicing of a request for such services ~~optimizing dissemination of information in a distributed environment, said method~~ comprising:

receiving ~~[[a]]~~ said request, from a client device, at a first server for said at least one of an application program and data ~~from a client~~;

~~retrieving~~ determining at said first server a location of a second server within said distributed environment storing said at least one of said application program and said data associated with said request;

packaging a message object with data associated with said request for transmission to said second server; and

transmitting said message object to said second server to allow said second server to directly service said client device.

2. (currently amended) The method according to claim 1, further comprising:

receiving said message object at said second server; and

initiating ~~said~~ a servicing of said client device at said second server in response to a determination of said second server as a provider of said at least one of said application program and said data.

3. (currently amended) The method according to claim 1, further comprising:

receiving said message object at said second server; and

transmitting said message object to a third server in response to said a determination of said third server to be a provider of said at least one of said application program and said data.

4. (currently amended) The method according to claim 1, further comprising:

determining said at least one of said application program and said data associated with said request from a profile;

determining if said second server is associated with said request; and

selecting said second server that is within a most efficient path for transferring each of said at one of said application program and said data associated with said request to said client device.

5. (previously presented) The method according to claim 1, further comprising:

packaging said request and a location of said at least one of said application program and said data providers into an itinerary; and

forwarding said itinerary to said second server associated with said request.

6. (previously presented) The method according to claim 5, further comprising:

completing a first service associated with said request on said second server; and

initiating a second service from said second server in response to said completion of said first service.

7. (currently amended) A method of retrieving a location of at least one of an application program and data for direct servicing of a request for such services ~~optimizing dissemination of information in a distributed environment~~, the method comprising:

determining at a first server a location of a second server within said distributed environment storing said at least one of an application program and data associated with a request for at least one of said application program and said data from a client device; and

transmitting a message object containing data associated with said request to ~~[[a]]~~ said second server;

initiating a transfer of said at least one of said application program and said data from said second server directly to said client device in response to said determination of said location of said at least one of an application program and said data.

8. (previously presented) The method according to claim 7, further comprising:

transmitting said request to said second server in response to said determination of said location of said at least one of said application program and said data.

9. (previously presented) The method according to claim 8, further comprising:

invoking a request for a subsequent said at least one of said application and said data to a third server by said second server.

10-25. (canceled)